

Matthew Wehl | Resume

✉ mattdwehl@gmail.com

Skills

Languages: Bash, C++, Java, CSS, HTML, Python, TypeScript

Frameworks: Enzyme/ Jest, JDK, NodeJS, Qt, React, Spring Boot, Webpack

Platforms: Docker, Hadoop, Linux

DevOps: Git, Jenkins, SonarQube

Collaboration: Agile Development (Scrum), Jira, Slack

Experience

Lockheed Martin

Software Engineer, Rotary and Mission Systems

Manassas, Virginia

July 2018 – Present

- Designed and developed display application allowing operators to classify system data according to attributes stored in a database. Led design of messages used for communication between the backend interface and frontend display using a Pub/Sub architecture.
- Implemented a TCP/IP based external interface used for communication between the main system and an external sensor. Praised by integration team for seamless integration of external interface and sensor upon delivery of actual sensor's simulator.
- Designed and developed React web application for analyzing and visualizing acoustic data. Led design of frontend and assisted in development of REST APIs implemented in Java/ Spring Boot. Worked with Software Lead to lead program adoption of TypeScript.
- Led development team as scrum master. Worked with Product Owner and Program Management to plan feature development and resolve any technical and non-technical roadblocks encountered by the development team.
- Assisted in the migration of program from Google Search Appliance to Elastic Search. Upgraded backend database infrastructure support storing data in Elastic Search.

ALSAC/ St Jude Children's Research Hospital

Intern - Collaboration Team

Memphis, Tennessee

May 2017 – April 2018

- Developed mailroom application to allow users to request supplies for events
- Developed workflow allowing departments to be emailed feedback from web portal
- Assisted in execution of migration of SharePoint 2010 to SharePoint 2013
- Trained interns and employees in SharePoint development

The University of Memphis

Teaching Assistant - COMP 4270: Operating Systems

Memphis, Tennessee

January 2017 – May 2017

- Evaluated C programming assignments for Linux submitted by students
- Aided course preparation, including leading lecture during instructor's absence
- Conducted weekly office hours to assist students with questions regarding course material and assignments

Education

The University of Memphis

Bachelor of Science, Computer Science, GPA – 3.11
Association of Computing Machinery

Memphis, Tennessee

August 2014 – May 2018